

## SILVER MOUNTAIN PUMP STATION IMPROVEMENTS PROJECT

Solicitation Number: CO-00405 Job No.: 19-6008

## ADDENDUM 4 February 24, 2021

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

## **RESPONSES TO QUESTIONS**

1. Question: On the control enclosures, there is no size listed. Please advise if you have that information and if so, we will need the room measurements. They are not on any documents.

Response: Per Section 16010-3.01.A.3, "Dimensions shown on the Drawings related to equipment are based on one typical manufacturer's equipment. Coordinate the dimensions of the equipment furnished with the space available." The enclosures shown on Sheet E7, E16, and E17 include minimum cabinet dimensions. Refer to Changes to the Plans Item 1, this addendum.

#### CHANGES TO THE SPECIFICATIONS

1. Specification Section 11210-1.03.C.1

REVISE and REPLACE "Certified copies of all witnessed tests on the pumps" with the following:

a. "Certified copies of all non-witnessed factory tests on the pumps."

#### CHANGES TO THE PLANS

- 1. Sheet E7- Electrical Service Rack Layout- <u>REMOVE and REPLACE</u> Sheet E7 in its entirety.
- 2. Sheet E16- Miscellaneous Details #3 REMOVE and REPLACE Sheet E16 in its entirety.
- **3.** Sheet E17- Booster Pump Station Rack & Pump Control Panel Details <u>REMOVE and REPLACE</u> Sheet E17 in its entirety.

#### **CLARIFICATIONS**

None.

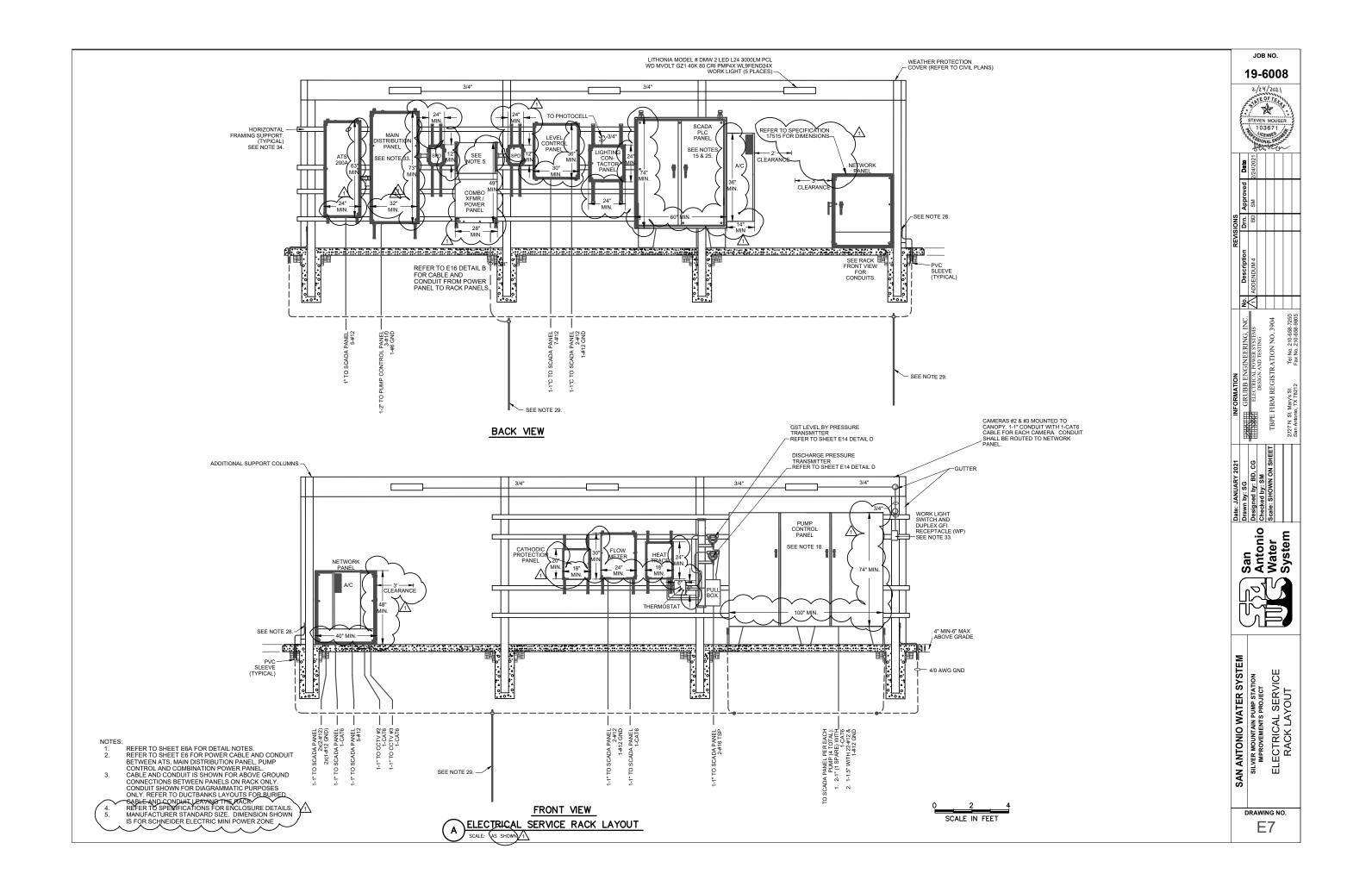
#### END OF ADDENDUM

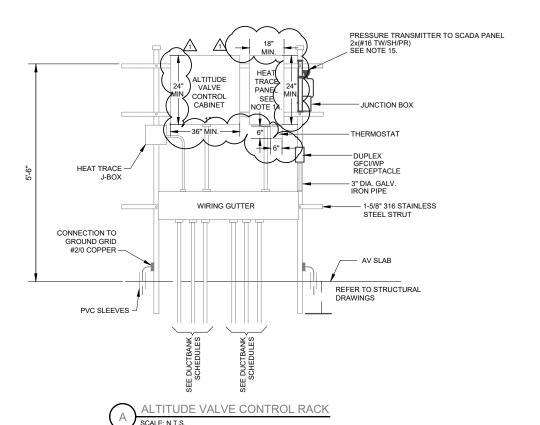
This Addendum is four (4) pages in its entirety.

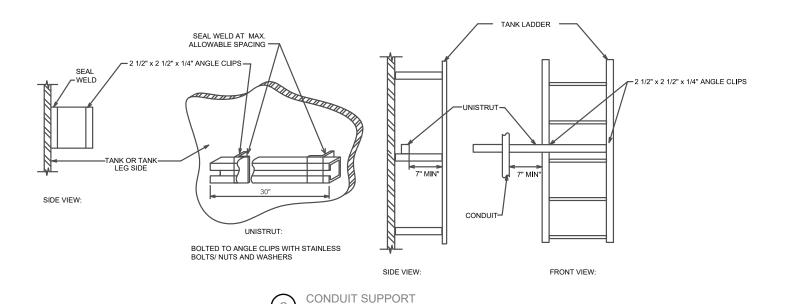
Kendall NeSmith, P.E.
Kimley-Horn and Associates, Inc

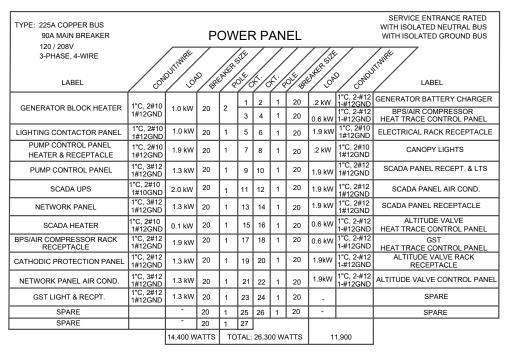
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ONAL ELECTRICATION









- 1. CONTRACTOR TO COORDINATE BREAKER AND CABLE RATING WITH GENERATOR REQUIREMENTS.
  2. EACH CIRCUIT SHALL HAVE SEPARATE HOT, NEUTRAL, GROUND WIRES. DO NOT SHARE NEUTRAL GROUND WIRE FROM OTHER CIRCUITS.

120/208V POWER PANEL

# GENERAL NOTES:

- ALL UNDERGROUND ELECTRIC CONDUIT SHALL BE CONCRETE ENCASED WITH STEEL REINFORCEMENT.
- 2. ABOVEGROUND CONDUIT SHALL BE RIGID ALUMINUM STEEL.

  3. ALL ENCLOSURES AND DISCONNECTS MUST BE PAD-LOCKABLE.

  4. ALL MOUNTING HARDWARE AND STRUT SHALL BE 316 STAINLESS
- 5. RACK STRUTS NEED TO BE 1-1/2" MINIMUM 316 STAINLESS STEEL AND BE MOUNTED ON 4" GALVANIZED STEEL PIPE. PROVIDE APPROPRIATELY SIZED CAPS FOR ALL SUPPORT PIPES.
- 6. THERE SHALL BE 6" MINIMUM SPACING BETWEEN EQUIPMENT
- MOUNTED ON THE RACK.

  7. ELECTRICAL RACK SHALL HAVE SUPPORT COLUMNS EVERY FIVE
- ELECTRICAL RACK SHALL HAVE SUPPORT COLUMNS EVERY FIVE
  FEET.
   SPARE CONDUITS AS SHOWN ON CABLE AND CONDUIT SCHEDULE
  SHALL BE CAPPED 6" ABOVE SLAB OR GRADE WITH PULL STRING
  BELOW RACK.
- ALL RECEPTACLES USED ON PROJECT MUST BE WEATHER PROOF
- 1. SEPARATE ANALOG SIGNAL CABLE BY PERMANENT BARRIER OR LISTED DIVIDER FROM OTHER POWER CIRCUITS AS PER NEC ART. 800.133.
- 11. HEAT TRACE AND INSULATE PRESSURE TRANSMITTER AND PROCESS PIPING . REFER TO CIVIL SHEETS FOR PIPING INSTALLATION AND REQUIREMENTS.
- 12. ALL PANELS AND WIRING GUTTERS TO BE NEMA 4X ALUMINUM
- UNLESS NOTED OTHERWISE.
- REFER TO STRUCUTRAL DRAWINGS FOR THE SLAB.
   ABLE LENGTHS WILL VARY DEPENDING ON PUMP STATION DESIGN.
- ALL INSTRUMENT SIGNAL CABLE (SHIELDED CABLE) SHALL BE CONTINUOUS WITHOUT SPLICES.

JOB NO.

19-6008



TRBE FIRM REGISTRATION NO. 3904	DESIGN AND TESTING	(1) ADDENDUM 4 BD SM 2/24/202	HARARITH GRUBB ENGINEERING, INC. No. Description Drn. Approved Date	2021 INFORMATION REVISIONS	No. Description Drn. Approved
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San Antonio Water System

SAN ANTONIO WATER SYSTEM SILVER MOUNTAIN PUMP STATION IMPROVEMENTS PROJECT MISCELLANEOUS DETAILS

> DRAWING NO. E16

